

# ANCHORAGE AMATEUR RADIO CLUB

PRESIDENT: DANIEL STEVENS-KL7WM 274-3051  
CLUB PHONE-345-0719

\*\*\* APRIL 1985 \*\*\*

## EVENTS

- APRIL 5 - AARC GENERAL MEETING  
LUCY CUDDY CENTER 7:00 P.M.
- APRIL 10 - AARC BOARD MEETING 7:00 P.M. HOPE  
COTTAGES, INC. - 2805 BERING ST.
- APRIL 25 - VEC TESTING - GLADYS WOOD SCHOOL
- APRIL 27 - P.A.R.K.A. MEETING 1:00 P.M.
- APRIL ?? - MUNICIPALITIES S.E.T.

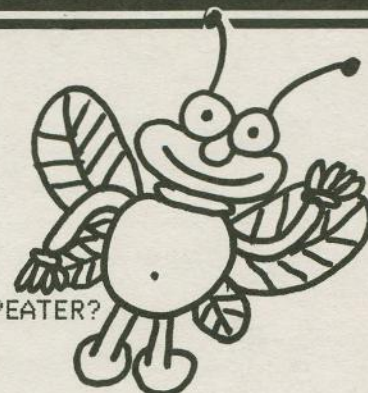
## SORRY TO BUG YOU...BUT

HAVE YOU PAID YOUR 1985 DUES?

DID YOU ENJOY YOUR MARCH NEWSLETTER?

DO YOU LIKE YOUR AUTODIAL & MAILBOX ON THE 94 REPEATER?

DO YOU LIKE THE CONVENIENCE OF THE AUTOPATCH?



JUST THINK A MINUTE. . . IF YOU HAVE NOT RENEWED FOR 1985, ALL THIS AND  
MORE IS NO LONGER AVAILABLE TO YOU. THIS COULD BE YOUR LAST NEWSLETTER  
AND THE LAST PLEA TO GET YOUR DUES PAID. YES, WE WILL NO LONGER BUG YOU.

The new rosters will be coming out soon. If you don't want your name  
and/or address and/or phone number in the roster, tell the membership  
chairman, J. D. Delancy K1ZAT, or Lance Dunbar, AL7BK, Club Secretary,  
or our President, Daniel Stevens KL7WM.



EDITOR: BONNIE JENNINGS-NL7DF 243-1146  
8035 LLOYD DR  
ANCHORAGE, ALASKA 99502



# From the Top of the Tower

DUES; It is past time to renew your club dues. If you know a member that has not renewed his dues remind him to do so, because he will not get this newsletter.

TWO SETs; On March 5, 1985 at 7:00 PM I attended the local Red Cross meeting. Jerry Smith MCed the meeting. Jack Cervantes, who heads the Municipality's Emergency Management department, was the main speaker. Jack talked about the two up coming Simulated Emergency Test (SET). The State SET will be on April 2nd, 3rd, and 4th. During the State SET two hams each day are needed, one in the morning and one in the afternoon. This SET runs two and a half days (2½) because there will only be a half day on Friday. The hams will man the Ham Radios at the Emergency Operating Center (EOC). The Municipality SET will be on April 8th thur 11th. We need three ham operators on the 8th between 2 PM and 4 PM. Please contact Erv Edge, AL7CN, the Emergency Coordinator.

RED CROSS; The Red Cross is a volunteer organization that helps the community in many ways especially during a disaster. Volunteers are always welcome. Jerry Smith told me that all volunteers need to go through two classes, one called Introduction to Disaster Services (2½ hour class) and the other one called Damage Assessment Training (3 hour class). I hate to stand on a soap box, but TRAINING is so important. During an emergency there are 10,000 volunteer's, but you can't use most of them. They are not orientated to what needs to be done, which way to do it, what organization or person does what, let alone how to be helpful. One does not call the Fire Department for a burglary, etc. But this type of thing will happen without training. Also one may not telephone others because lines may be down or busy. The telephone companies do a great job, but still can't prevent busy lines. Here is where hams help. We are communicators. We repeat accurately a message. One must know who is in charge and what message to pass. One does not take a message from just anyone and pass it. You don't order one hundred blankets to a shelter that is going to be closed, because another shelter maybe more centrally located and maybe better equiped. Health and welfare messages can be taken from anyone, but messages of importance need authorization. Too many bosses destroy the situation. The possibility of miss communication and confussion are endless. When the ham communicator knows the organization and power structure and who is in charge he becomes invaluable to the situation. One can never be over trained.

BOARDMEETING: The meeting time will be the SECOND WEDNESDAY of the month from now on and the new location is 2805 Bering Street. This is Hope Cottage Inc.'s offices. The time is still the same time, 7:00 PM. If you are interested please come. This is YOUR CLUB. Your input is welcome. Bering is one block east of Arctic between Benson and Northern Lights.

BELT BUCKETS: GET YOUR CLUB CALL SIGN BELT BUCKET NOW!!! KL7LO, David Epstein is taking ORDERS NOW! His telephone number is 272-2883.



NUNAKA VALLEY LITTLE LEAGUE: The board decided to support the Nunaka Valley Little League program again this year. We have done so for many years and get a plaque with a picture of the team on it.

WESTLINK: It needs money to continue, so the club is donating \$250.00. I personally enjoy Westlink and J.D.'s dedication week after week in recording it's reports and air the reports on several area repeaters. THANK YOU K1ZAT!

WALK FOR HOPE: Bill Reiter, KL7ITI, will be handling the hams' part in the Anchorage Walk For Hope. Bill does a fine job with many activities, but please don't wait for Bill to call you. Call him and volunteer. Meg Girard, KL7FHF, is handling the Eagle River Walk For Hope. It's on May 4, 1985.

MOTHER'S DAY: In May the Club gathers messages for mothers. This year we want to do this the week before Mother's Day so the messages get to mothers before Mother's Day. That means it will run concurrent with Walk For Hope on Saturday and the also on Sunday, the 4th and 5th of May. Lots of volunteers are needed. Don't wait to be called on. Step forward and volunteer. That makes the job of organizing much easier. Get out and participate.

IDITAROD: It's over. There are alot of memories. There were some problems, but that seems the norm. This was the thirteenth race and there seemed to be more problems this year. There were two freezes and heavy snows. Each race is different though. There were new operators and much to learn about ham Radio, traffic handling and Iditarod. The two meters satellite system worked well. Thanks goes to everyone who participated. Women took a more active part this year. I'm glad that Libby Riddles won. That shows what women can do. Congratulations Libby!

NOMINATION COMMITTEE: The committee consist of Fred Wegmer, KL7HFM, Fred Erickson, KL7VC, and Doug Dickinson, KL7IKX. The nominations will be presented at the May Club meeting and voted on at the June Club meeting. It is a great hobby and there is no better way to get involved than to be on the Club's board. You get first hand information, etc.

PUBLICITY COMMITTEE: I still need a publicity chairperson. I have many good ideas to promote the Club, but I am too busy as President to pursue them. As a chairperson you don't do all the work of the committee, but you get to deligate and manage the committee. If interested PLEASE contact KL7WM.

DX COMMITTEE: The Club also needs a DX chairperson. NL7CT has resigned. The main duties are to get an artical into the newsletter every month and to promote DX. Some people mistakenly say that the AARC is a VHF club. We may appear to be a VHF club because we have a very active VHF committee, THANKS GOES TO DOUG DICKINSON, KL7IKX, but we are a general appeal Club. If our DXer's don't get active and write for the Club Newsletter then it appears that we aren't a DX club. We have many DX activies and DXers!

73

*Daniel Stevens* KL7WM  
DANIEL STEVENS, KL7WM



# VHF REPORT

March 15, 1985. . . Well, let's see, the big race is well underway as this is written. Have not heard of any problems w/remote base units. This is good. One of these units will return & become the 146.01 rx 146.82 tx side of the Minchumina project. We're still trying to track down the duplexers that were loaned to Tok, & are no longer in use. A duplexer is going to be a definite thing with only a .81 Mhz split.

The final balancing is being accomplished on the voting system. Remember the system looks for the best signal to noise ratio, ie: the best quieting signal, & uses that one on the 94 transmitter. We're back to a continuous voting, this means that when you key & begin to talk, the voting system takes 15ms to decide which receiver it likes best & then every 50ms thereafter, it looks again, & switches instantly if it decides you are getting too noisy on one of the receivers, AND that the other receiver has a better quieting signal. Remember this isn't a cure-all, you can still have a marginal signal on both receivers. Like a rubber ducky inside a car, at low power. This system can't suck up a signal when that signal just doesn't exist in the first place. If you can possibly tolerate an outside antenna, mag mount or otherwise, please do so. This will not only help you into the repeater, but it will really help in SIMPLEX. You remember Simplex, don't you? That's what the "S" is for on the offset switch on your radio. This is a little known mode of communications whereby you receive & transmit on the same frequency, usually used for short range. (but not always) Works very well, I might add!

A recent study was published regarding portable radios and the loss related to portable style antennas.

ANTENNA TYPE	LOSS (IN DB)	
	VHF	UHF
1/4 WAVE EXTENDED (ie: YF-1) @ face level	-5	-20
1/4 WAVE COLLAPSED AT BELT	-45	-50
HELICAL (RUBBER DUCKY) @ FACE LEVEL	-10	-25
HELICAL @ BELT LEVEL	-25	-50

Is it any wonder that when you start w/only 100mw to begin with, & you use a helical on your belt, you will hear the repeater - sure it's running about 200 watts ERP (effective Radiated Power), but you're not. And it won't hear you very well, if at all. Remember my constant complaint about over-deviation? If you heard a recent Westlink Report, you'll note I'm not the only one harping about radios straight from the factory, brand new, not being adjusted to the acceptable standards used by the majority of Amateurs today. Remember +/- 5.0 Khz, maximum. Actually, +/- 4.5 Khz is a better level & your tones need to be +/- 3.0 Khz, for the highest set (ie: the # on a 12 button pad or the 'D' on a 16 button pad. This will make sure that your tones are not clipped and distorted.

If you are having occasional problems with the autopatch, here are a couple things to keep in mind. First, instead of kerchunking right after the AP, wait and listen to the number readback. Are all the numbers correct? Are there any missing? If there are, and what you get during the readback is not what you think you sent, I'd suggest checking your pad. Just dial '5' & then any number of keys up to 32, when you unkey the repeater will read-



back all the digits that it decoded correctly. If you don't get all the numbers back that you put in, it's time to start looking closely at your pad. Remember, that solid state doesn't mean it never breaks; and that amateur service can be very hard on even commercial grade equipment, not to mention amateur grade equipment.

Russ Scott KL7EM is working on putting a rprr. on one of the mts. near Anchorage. This will be a solar power 10 watt repeater in VHF subband. Russ will welcome anyone interested in becoming involved. Expectations for coverage range from Homer in the South to Palmer in the East, & from Talkeetna + to the North to a fair ways down the Turnagain arm to the South. If you pick the right mountain, you can talk forever. (almost) One of the small, but vital projects will be a low voltage cutoff, a circuit that'll monitor battery voltage, & at say 11.5 V. shutoff all power to the rprr. system until the solar panels can recharge the batteries. Naturally, this circuit has to be very reliable, & draw very little current on its own. What say, one of you experiementers out there want a small project? Contact Russ Scott KL7EM. (PS...Congrats to Russ who's about to join ranks of husbandhood!)

Congrats to Bob Pager KL7HIU, & Margie KL&GLU. They've joined in fun on Amateur Fast Scan TV, via the KL7HD ATV repeater. You too can get into the excitement. If you have a TV set, a cheap converter can get you into the SWL portion of the hobby; if you have a camera or video machine, you are better than half way to being on the air. Listen to 146.43 simplex - the ATV's use this freq. for talk back while we are sending the pictures. Recently seen on ATV machine, in living color, were KL7JIG Herby, KL7K Dave, KL7L Patty, KL7JGU Jay (yes, even Jay) KL7QS & W5AH0 Martha & Walt. And even K1ZAT & AL7CV, J.D. & April. In case you wonder how these folks made thescreen, well, you see, I taped the 1984 AARC Xmas party!

One serious note, please folks, remember that the 2 meter Amateur band is from 144.000 to 148.000. If youhave one of the new radios capable of 140-160, remember, UNLESS you carry the proper authorization from a Military for Civilian agency that has authority to operate outside the "band" . .

D O N ' T T R A N S M I T      O U T S I D E T H E B A N D ! !

Also, be sure you have the correct offset when operating within + or - 600 Khz of a band edge. Don't jeopardize your license, and give a bad name to amateurs in general. Remember the FCC giveth and they certainly can taketh away!

That does it for this month, hope to see new faces on ATV and we'll be listening for you on the frequencies!

73's Doug Dickinson KL7IKX

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# IDIOT RAMBLINGS

JUST A FEW STRAY REMINISCENCES FROM ONE OF LIL'S ANCHORAGE IDITAROD HEADQUARTERS "VOLUNTEERS". FIRSTLY, I APPLAUD THE EXCELLENT PERFORMANCE OF NEARLY ALL CHECKPOINT OPERATORS UNDER THE MOST TRYING PHYSICAL CONDITIONS IN THE U. S.

AS A "DURING THE WEEK" PLAYER ONLY, I DID MISS QUITE A BIT OF ACTION, BUT A FEW INCIDENTS ARE WORTH SHARING. DURING THE FIRST WEEK, AND AFTER EVERYONE HAD BEEN BROKEN IN TO LIL'S SATISFACTION, I CAME IN ONE DAY FOR AN 8 HOUR STINT TO FIND THE HAM SHACK FILLED WITH SMOKE, AND A GENTLEMAN IN EARPHONES HUNKERING OVER THE TWO METER SET. HOUR AFTER HOUR, MESSAGES, NOTES, DOG TRAFFIC, ETC. SPILLED OFF THE TABLE AND PRESUMABLY FOUND ITS WAY TO THE PROPER SOURCE. THE HF BAND WAS, OF COURSE, DOWN - AND FOR HOURS, HEAVY TRAFFIC CAME AND WENT THRU THE EARPHONES AND MIKE OF THE OPERATOR. HE BROKE ONLY TO LIGHT HIS CIGARETTES, OBLIVIOUS TO THE OTHER EAGER VOLUNTEERS AND FRONT OFFICE PEOPLE HOVERING BEHIND HIM. THE 3 OR 4 OTHER HAMS EQUALLY CAPABLE OF THE SAME OBLIVION, GATHERED AROUND HIM TRYING TO ASSIST, SPELL HIM OR WHATEVER, BUT HE WASN'T HAVING ANY. I FINALLY LEFT AFTER A FEW HOURS, EXPECTING TO FIND HIM THERE THE NEXT DAY, BUT I WAS WRONG!

DURING THE SECOND WEEK, AFTER HOURS OF STRAINING WEAK HF TRAFFIC THRU A VERY HIGH NOISE LEVEL, A ONE-LETTER CALL SIGN BROKE IN WITH AT LEAST 2,000 WATTS FROM A BLOCK AWAY. AFTER MY EARS STOPPED RINGING, AND AFTER I ASSURED THE WHOLE OFFICE THAT THE SHACK HADN'T EXPLODED, I ASKED FOR HIS ID AGAIN AND WHAT I COULD DO FOR HIM? IN EXACT WORDS WERE "WHATSMATTER, YOU DEAF?" AND HE ASKED TO SPEAK TGO "\_\_\_\_\_ WHO IS RIGHT THERE!!" HAVING NEVER HEARD OF \_\_\_\_\_, I ASKED HIM FOR FURTHER INFORMATION AND WAS IMMEDIATELY RELAGATED TO THE HAVEN FOR PRE-NOVICES. WELL, TO SHORTEN THIS ONE, SOMEBODY IN THE FRONT OFFICE THOUGHT THAT OL' \_\_\_\_\_ HAD BEEN THERE FOR A SHORT WHILE BUT HAD LEFT.

LATER, DURING THE SECOND WEEK, OUR VERY ABLE SATELLITE MAN WAS MAKING SOME CRITICAL ADJUSTMENTS IN HIS COMPANY LOANED MULTI MILLION DOLLAR 2 METER SATELLITE EQUIPMENT, WHEN HE OBLIGINGLY ANSWERED A NEW CALL FROM NOME, ONLY TO SPEND THE NEXT HALF HOUR BEING VERBALLY ABUSED BECAUSE NOME COULDN'T GET A TWO WAY FROM ALL THE SITES BUT HAD TO MAKE AN OCCASIONAL RELAY THROUGH ANCHORAGE. OUR MAN REMAINED EXCEEDINGLY DIPLOMATIC THRU THIS REMARKABLE DISPLAY OF INAPPROPRIATE PIQUE FROM A MISPLACED POWER SUPPLY IN THE NOME HQ.

EARLY IN THE THIRD WEEK, DURING A SHORT MORNING SOLO SPELL OF ROUTINE DOG TRAFFIC FROM 4 CHECK POINTS, I WAS BROUGHT UP SHORT BY A HAM FROM THE WASILLA IDITAROD HEADQUARTERS ON HF. NOW I MUST STOP AND CONFESS HERE THAT I DO NOT SUBSCRIBE TO THE EVENING NEWSPAPER AND THAT I HAD NEVER HEARD OF THE WASILLA IDITAROD HQ THAT WAS RUNNING THE SHOW. FURTHER, I HAD NOT HEARD OF THE 16 TEAMS THAT WERE LOST, FALLEN THRU THE ICE, EATEN BY BEARS, OR WHATEVER THE EASTERN PAPERS WERE SEEKING INFORMATION ABOUT. AND I WAS NEVER ABLE TO GET THE NAMES OR NUMBERS OF THE TEAMS THE WASILLA POWER SUPPLY WANTED. AFTER A COUPLE OF HOURS, WE SWITCHED THE CONVERSATION WHICH HAD NO INPUT FROM THE HF NET FREQUENCY TO OUR 2 METER LOCAL REPEATER. AT ABOUT THIS TIME, MY TOUR WAS OVER AND LIL CAME IN. I OBLIGINGLY GAVE HER THE MIKE AND LEFT. FOUND OUT LATER THERE IS INDEED AN ALL YEAR WASILLA HQ. & THAT THEY ARE TIED INTO OUR ANCH. HQ. COMPUTER SYST. SO THEY ARE KEPT FULLY UP TO DATE; HOWEVER, THE COMPUTER HAD BEEN OUT FOR ABOUT 15 MIN. THAT MORN.

FINALLY, ALTHOUGH I HAD NOTHING TO DO WITH IT, I AM PROUD TO BE A MEMBER OF THE GROUP OF KNOWLEDGEABLE PEOPLE WHO PLANNED AND PUT TOGETHER THIS VAST COMMUNICATION SYSTEM SO WELL, THAT OPERATING IN IT WAS EASY, AND MOST ENJOYABLE!

JERRY GANOPOLE - WL7AME



# A YL'S POINT OF VIEW

Well, Iditarod is over and I had a wonderful time! I love working the checkpoints way out there. I guess it helps to satisfy the adventurer in me!

The YL's working Junior Iditarod were KL7VL Sharon; AL7FJ Shari; and KL7VF Denise. The Senior Iditarod YL's will be reported in the next issue of the newsletter.

Spring is just around the corner, or so I would like to think, and we'll be getting ready for Spring and Summer events. So, let's think about hamming it up for coming events. KL7SV Bob, and WL7AXI Beverly's family will be leaving for the lower 48 soon. They'll be missed!

Congratulations to the one YL who passed the VEC test. That was NL7DL, Lil Marvin!!

At the last PARKA meeting, Martha KL7QS talked on Control Operators for the Repeater. For more information, call Martha at 337-2603.

The April Parka meeting will be held April 27th at 1:00 p.m. Place will be announced later, but there will be an Iditarod presentation by Sharon, KL7VL, and tentatively by Lil Marvin, NL7DL. See you there!

This is the last YL's Point of View that I will be writing. I have really enjoyed it, I've gotten to know a lot of people better and have become more involved in the club. I'm turning the typewriter over to AL7FJ Shari. I hope that Shari enjoys writing the YL's Point of View as much as I have. Happy Hunting, Shari!

73's, SHARON - KL7VL

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PALMER HOUSE FOR SALE. . .by owner; located just inside city limits. Older home 2 story, 4 bdrm, 1 1/2 baths, full basement, lots of storage room, shelves, workbench. House has gas heat and is plumbed for gas stove and dryer. Fully insulated, including triple pane windows. Living room remodeled. New roof 6 years ago. House even has coax entry installed in wall. House is built strongly, as a house should be. Absolutely NO leaks in basement. Located just across from Jr. High School, you have to see to appreciate. Price is just \$81,000.00. This house is plumbed for Cable T.V. too!

Contact: Sharon Dean KL7VL

745-4352, after 6:30 p.m.

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ANCHORAGE AMATEUR RADIO CLUB  
GENERAL MEETING  
March 1, 1985

The meeting was called to order at 7:22 P.M. by President Daniel Stevens KL7WM at the Lucy Cuddy Center on the ACC campus. Introductions and general announcements followed.

Ham of the Year Doug Dickinson KL7IKX was presented an engraved goldpan in recognition of his services during 1984.

Al Andrus KL7EF was presented with a special plaque and letter of appreciation from the AARC for his outstanding and continued service to the Club on the various repeater projects, Minchumina link and the Iditaski.

The Club received a thank you card from Susan Rosenthal, XYL of Herb AL7G, for the flowers sent to her while she was ill.

The Women's Gold Nugget Tricathalon is to be held on May 19, and the club has been asked to provide volunteers to man checkpoints.

The building which currently houses the Club locker has been condemned and will be torn down. The Club has to vacate by April 1. A new location for the locker needs to be found.

The following Life Memberships were approved by the General membership:

#133	Ed Cole	AL7EB
#134	Richard Dennis	KL7IOL
#135	Robert Spencer	KL7YZ

Bob McKinnie AL7AW put in a plug for Army MARS. Doug Dickinson KL7IKX followed with one for Air Force MARS and Rod Maney KL7SA and Fred Wegmer KL7HFM expounded on the virtues of Civil Air Patrol.

Daniel noted that help was still needed at the Iditarod headquarters, the nominating committee for new Club officers was being formed and the Rules Committee was reviewing its proposed changes to the Bylaws and Rules of Procedure.

Following the break, Herb Rosenthal AL7G spoke about life on the Iditarod, or "Going to the Dogs."

Following the drawing for door prizes, the meeting was adjourned at 8:55 P.M.

Attendance - 49

Respectfully submitted,

Lance Dunbar AL7BK  
Secretary



# KEEPING ANTENNA MOUNTS MAGNETIC

(article by Carl Zelich, AA4MI - - - "borrowed" from Oregon/Tualatin Valley Amateur Radio Club 2/85)

Each morning and evening, the Kennedy Space Center "Salt Mine" net meets on our local repeater. While enjoying a round table, John Mc Donald, WB4ZX5 was enlightening the net of the joys of owning a sportscar. In midsentence, his signal abruptly ceased. Further attempts to reach him failed. Was he in at accident? Where?

A landline call to his office later revealed that his magnetic 2 meter mobile antenna had fallen off his truck. Dragging it at 55 mph, only a few parts were retrievable, and even less were recognizable!

I know this has happened to other amateurs. Tales of other antennas being dragged to their deaths came forth. The conclusion was: spend \$50.00 and hope the magnet holds - this time! Analysis of the problem reveals that most Amateur Radio operators regularly remove the magnetic mount and toss it onto the floor behind the driver's seat. This detrimentally affects the magnet two ways. First, the antenna base eventually gets dropped onto the floor. As time passes, the drop height gets higher and higher. Unintentionally of course, this is not proper handling of a magnet. Magnets that are struck with a hammer will lose their magnetism. This repeated dropping contributes to disorienting the internal magnetic bipolar elements. Thus, the magnetic flux strength declines.

Secondly, when a magnet - even a so called "permanent" magnet is left laying around without a "keeper", the magnetic flux lines reach out to grasp other ferrous materials. A "keeper" is generally a soft iron piece which provides a bridge between the poles for the flux lines to follow. This convenient path allows the magnetic lines to concentrate and confine themselves to the keeper.

The solution to both these problems is simple. In the electrical section of your hardware store are metal ceiling electrical boxes. They are available in square, octagonal, and round shapes. These are often called "breakout" boxes because a main supply line is broken to serve a branch line.

Purchase a round steel electrical box cover. The cover normally has a diameter of 3 1/2 inches and is fine for all antenna mounts.

Place this keeper onto your magnet before putting the antenna mount onto the floor. This keeper lessens the damage done if the antenna is accidentally dropped there. The keeper can also be kept on the floor or seat behind the driver when the antenna is on your vehicle. Also, this keeper should be in place whenever you plan to store your antenna for any length of time.

For about 41 cents for a keeper, you will avoid spending another \$50.00 for a new antenna. And best of all, there's no work involved!



# HAMMING IT UP IN THE KITCHEN

## ...with NL7DF

Great News this month! We have some recipes to share which were sent by RAY BEIK, NH6K, EDITOR OF 'THE COMMON GROUND'-HAWAII WEST AMATEUR RADIO SOCIETY! Ray says in his cover letter..."You must be deeply involved with the Iditarod race by this time. We tell our members that we will ship them to AARC to be used as go-fers (slaves) on the Iditarod if they fail to leave space for a station to get into the repeater. . .plus other offenses!". . . he also sent a special "HELLO" to Arlene KL7HO; Harley KL7IZZ, and Fred KL7HM!

Thanks, Ray! I know we'll all appreciate this little "taste" of Hawaii!

### SPARERIBS WITH PINEAPPLE



2 # spareribs  
2 1/2 T. Shoyu (soy sauce)  
1 1/2 t. salt  
2 1/2 T. cornstarch  
1 T. oil  
3/4 c. stock, water, or pineapple ju.  
4 slices pineapple, cut into chunks  
SEASONING:(mix in bowl)  
8 T. brown sugar 1 pc. ginger, crushed  
1/2 c. vinegar 1 clove garlic, crushed

Mix ribs, salt, shoyu soy sauce, & cornstarch. Soak 20 min. Heat oil in pan; fry ribs til browned. Take out excess oil. Add stock and seasoning mix. Simmer til tender. Add pineapple 20 - 30 min before ribs ready.

\*\*\*\*\*

### HAUPIA (HAWAIIAN COCONUT DESSERT)

1 c. sugar - 1 qt. coconut milk - 1 c.cornstarch

(to make a quart of coconut milk, to 1 can (12 oz.) coconut milk (gourmet section), add enough water to make a quart.)

Mix sugar & cornstarch. Dissolve in coconut milk. Cook on med heat, stirring constantly. Lower heat when begins to thicken; continue cooking to thick, clear consistency. Pour into 8" sq. pan; chill; cut into 2"x2" serving pcs.

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### MALASADAS (hot Malasadas, ONO! Broke da mouth!)

(Malasadas are a delicious and easy doughnut. . .no Hole!)

12 c. flour	1 can (13 oz.) evap. milk	1/4 lb. butter,
1 doz. eggs, beaten	3 pkgs yeast	melted
1/3 cup sugar	6 1/3 c. warm water (yep!,	1 T. salt
	six & one third cups doggoneit!)	1 qt. oil/frying

Dissolve yeast & 1 T. sugar in 1/2 warm water. Cover/let rise. Place flour in large bowl; make well, add yeast mixt, & remaining ingred.(except oil for frying naturally!) Mix to make soft dough. Cover/let rise double.

Heat oil to 350 degrees F. Drop dough by Tablespoons into hot oil. Fry to golden brown. Remove and drain on absorbent paper, then (while hot) shake in a brown paper bag containing sugar.

### KHAL BI (Korean Style Ribs)

4 lbs shortribs  
SAUCE: 1/2 c. soy sauce  
1 T. sugar Dash black pepper  
2 cloves garlic, diced  
1 T. honey  
1" cube ginger, fine sliced  
2 stalks green onion, chopped  
1 t. sesame oil &  
1 t. other oil

Slice meat into about 1 1/2" pcs. Combine sauce ingred. & marinate meat for 1 hour. Broil or BBQ to desired doneness.

**KEEP**



**COOKIN'**

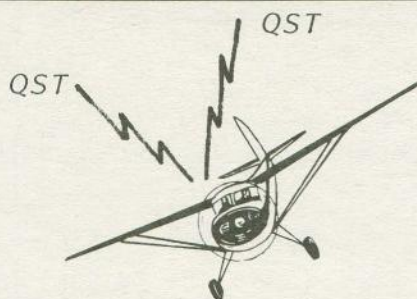


## HOW'S THAT??

SO YOU WANT A DAY OFF? LET'S TAKE A LOOK AT WHAT YOU ARE ASKING FOR.

THERE ARE 365 DAYS PER YEAR AVAILABLE FOR WORK. THERE ARE 52 WEEKS PER YEAR IN WHICH YOU ALREADY HAVE TWO DAYS OFF PER WEEK. THIS LEAVES 261 DAYS AVAILABLE FOR WORK. SINCE YOU SPEND 16 HOURS EACH DAY AWAY FROM WORK, YOU HAVE USED UP 170 DAYS, LEAVING ONLY 91 DAYS AVAILABLE. YOU SPEND 30 MINUTES EACH DAY ON COFFEE BREAK; WHICH ACCOUNTS FOR 23 DAYS EACH YEAR. . . LEAVING ONLY 68 DAYS AVAILABLE. WITH A ONE HOUR LUNCH PERIOD EACH DAY, YOU HAVE USED UP ANOTHER 46 DAYS, LEAVING ONLY 22 DAYS AVAILABLE FOR WORK. YOU NORMALLY SPEND 2 DAYS PER YEAR ON SICK LEAVE. THIS LEAVES YOU ONLY 20 DAYS AVAILABLE FOR WORK. WE ARE OFF FOR 5 HOLIDAYS A YEAR, SO YOUR AVAILABLE WORKING TIME IS DOWN TO 15 DAYS. WE GENEROUSLY GIVE YOU 14 DAYS VACATION PER YEAR, WHICH LEAVES ONLY 1 DAY AVAILABLE FOR WORK AND. . .

I'LL BE DARNED IF YOU'RE GOING TO TAKE THAT DAY OFF !!!!



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